L 32984-66 EWT(l)/EWP(e)/EWT(m)/T/EWP(k) WW

ACC NR: AR6016264 SOURCE CODE: UR/0058/65/000/011/H060/H060

45
13

AUTHOR: Kononenko, V. S.; Yakovlev, V. F.

TITLE: Increase of accuracy of measurements of the damping of ultrasonic waves in liquids by a pulse method

SOURCE: Ref. zh. Fizika, Abs. 11Zh414

REF SOURCE: Sb. Primeneniye ul'traakust. k issled. veshchestva. Vyp. 20. M., 1964, 21-27

TOPIC TAGS: ultrsound, acoustic measurement, acoustic damping

ABSTRACT: To increase the accuracy of measurement of the damping of ultrasound at frequencies 1 - 10 Mc, an attenuator of the mutual-induction type was used, with small inductance coils, transmitting (18 turns of copper wire 1 mm in dia) and receiving (12 turns). The coil diameter was 18 mm. A matching resistance was connected to the receiving coil. At frequencies 1 - 10 Mc, it is better to use a stepped ohmic attenuator made of non-inductive resistances, placing it in the circuit of a cathode follower whose high-resistance input effects slight shunting action on the quartz and on the oscillator. The low-frequency attenuators considered have an accuracy margin up to 0.02 db. O. Kapustina. [Translation of abstract]

SUB CODE: 20, 09

Card 1/1 BK

KONONENKO V.S., SKLYAROV, Ya.P. (USSR)

"The Cholinesterase Activity of the Tissue of the Cerebral Hemispheres in Unconditioned and Conditioned Reflex Excitation."

Report presented at the 5th Int'l Biochemistry Congress, Moscow, 10-16 Aug. 1961.

SKLYAROV, Ya.P.; KONONENKO, V.S.

Effect of food reflexes on the cholinesterase activity of nerve tissue in the cortical centers. Fiziol.zhur. 48 no.6:722-727 Je '62. (MIRA 15:8)

1. From the Department of Physiology, Medical Institute, Lvov.
(CEREBRAL CORTEX) (CHOLINESTERASE) (CONDITIONED RESPONSE)

KONONENKO, V.T., inzh.

High-capacity DM-115 sprinkling machine. Sel'khozmashina no.7:3-6 Jl '57. (MIRA 11:1)
(Sprinklers)

KONONENKO, V.T., inzh.

DT-30 wheeled diesel tractor. Mekh.sil'.hosp. 9 no.11:28-29 N '58. (MIRA 11:12)
(Tractors)

KONONENKO, V.T.

New tractors. Mashinostroenie no.2:125-126 Mr-Ap '62. (MIRA 15:4)

(Tractors)

KONONENKO, V.T., inzh.

New heavy wheeled tractors. Mashinostroenie no.3:95-96 My-Je '63. (MIRA 16:7)

(Tractors)

KONONENKO, V.V., kand. ekon. nauk, dots.

Leading technique and technology in machinery manufacturing. Trudy Khar'. inzh.-ekon. inst. 9:93-124 '57. (MIRA 11:6)
(Machinery industry)

KONONENKO, V.V., kand. ekon. nauk; OLEYNIK, S.U., kand. ekon. nauk.

"Automatization of industrial production processes and problems of labor organization" by A.I. Katsenelinboigen. Reviewed by V.V. Kononenko, S.U. Oleinik. Vest. mash. 38 no.1:87 Ja '58. (MIRA 11:1)
(Automatic control) (Job analysis)
(Katsenelinboigen, A.I.)

KONONENKO, Viktor Vasil'yevich; AVRAMOV, F.P., otv.red.; TSYMBALO, B.D., tekhn.red.

[Basic trends in the development of advanced equipment and technological processes in the manufacture of machines] Osnovnye napravleniia razvitiia peredovoi tekhniki i tekhnologii v mashinostroenii. Khar'kov, Izd-vo Khar'kovskogo gos.univ. im. A.M.Gor'kogo, 1959. 133 p. (MIRA 13:5)
(Machinery industry)

FOKIN, A.V., kand. fiziko-matematicheskikh nauk dotsent; KONONENKO, V.V., inzh.

Simple method for the determination of mean indicated pressure by developed indicator diagrams. Izv. vys. ucheb. zav.; mashinostr. no.2:71-75 '64. (MIRA 17:5)

1. Odesskoye vysshoye inzhenerno-morskoye uchilishche.

KUHOVENKO, V.Ya., Cand Med Sci--(diss) "Effect of sodium hyposulfite upon blood pressure, and certain indexes of adrenalin and sulfur metabolism in the organism in norm and in experimental kidney hypertonia." Khar'kov, 1957. 19 pp (Min of Health UkSSR. Khar'kov State Med Inst), 200 copies (KL,25-58,112)

KONONENKO, V.Ya., kand.med.nauk (Lugansk)

Effect of sodium thiosulfate on the metabolism of adrenal substances in rabbits both normal and with experimental renal hypertension. Ukr. Probl. endok. i gorm. 8 no.2:20-25 Mr-Ap '62. (MIRA 15:7)

1. Iz kafedry biokhimii (zav.-dotsent K.A.Drel') Luganskogo meditsinskogo instituta i kafedry biokhimii (zav.-prof. A.M. Utevskiy) Khar'kovskogo meditsinskogo instituta.
(SODIUM THIOSULFATE) (ADRENALINE)
(HYPERTENSION)

KONONENKO, V.Ya.; SEMENKO, I.F., kand.med.nauk

Effect os sodium thiosulfate on the clinical course of hypertension and the content of adrenal substances in the blood. Vrach.delo no.8:28-31 Ag '62. (MIRA 15:11)

1. Kafedra propedevtiki vnutrennikh bolezney (zav. - dotsent Z.A.Tkachenko) i kafedra biologicheskoy khimii (zav. - dotsent K.A. Drel') Luganskogo meditsinskogo instituta.
(SODIUM THIOSULFATE) (HYPERTENSION) (ADRENAL GLANDS)

KONONENKO, YE.

USSR/Engineering Jul 48
Plasticity

"Important Contribution to Soviet Science," Docent A. Volmir, Cand Tech Sci, Lt Col Engr Ye. Kononenko, Docent, Cand Tech Sci, 5½ pp

"Vest Vozdush Flota" No 7 (352)

Summarizes A. A. Il'yushin's work on theory of plasticity. Although a complete translation of Il'yushin's paper was published in US in 1947 (NACA Technical Note No 1116), certain American authors do not acknowledge their indebtedness to him.

16/49T55

KONONENKO, Ye.S., kandidat tekhnicheskikh nauk, dotsent.

Bending thin bars following a given curve. Issl. po teor. sooruzh. no.4:241-251 '49. (MLRA 10:8)

(Elastic rods and wires)

KONONENKO, E. S.

25350. VOLBMIR, A. I., KONONENKO, E.

Vazhnyy Vklad v Sovetskyu (Teoriya Uprugo-Plasticheskikh Deformatsiy A.A. Ilbyushina).
Vestnikvozdush. Flota, 1948, No. 7, s.49-54

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

21651 KONONENKO, YE. S. Izgib tonkogo sterzhiya po zadannoy kriboy. V sb: Issledovaniya po teorii soovuzheniy. Vyp. 4. M. -L., 1949 s. 241-51.

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949

KONONENKO, E. S.

3

USSR.

1956. Kononenko, E. S., An example of bending a thick elastic rectangular plate (in Russian). *Inzhener. Sbornik, Akad. Nauk SSSR* 16, 183–192, 1953.

The body whose bending is discussed here is formed as a rectangular plate, freely supported on its perimeter. The dimensions of plate are: $d \times k \times h$. The width of the support is equal to c. The continuous load $q = F(x, y)$ is distributed on the upper surface of the plate. The case of uniformly distributed load is analysed when $d = k = 1$, $h = 1/2$, and $c = 1/6$. The diagrams of stresses are given.

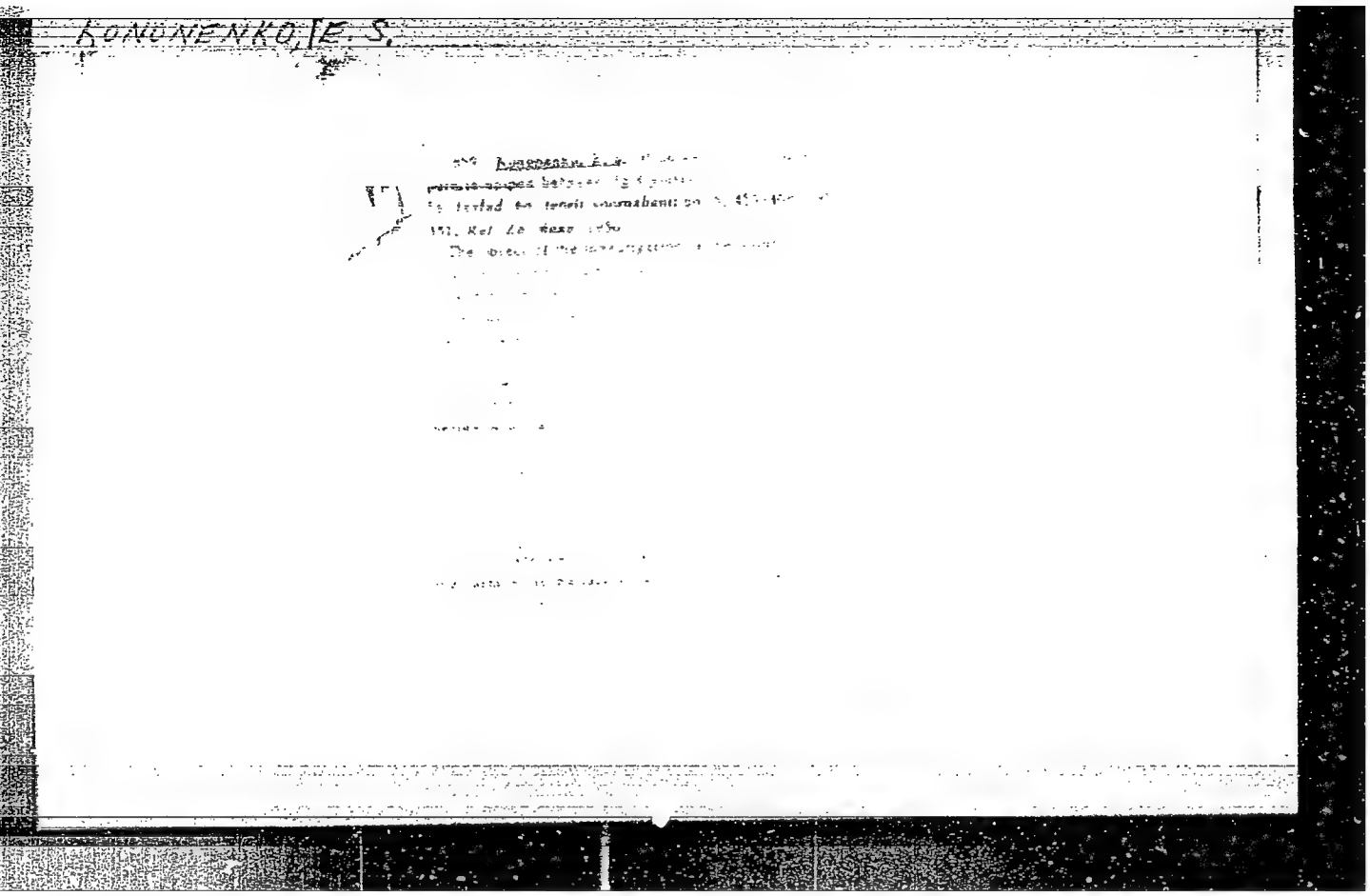
W. Wierzbicki, Poland

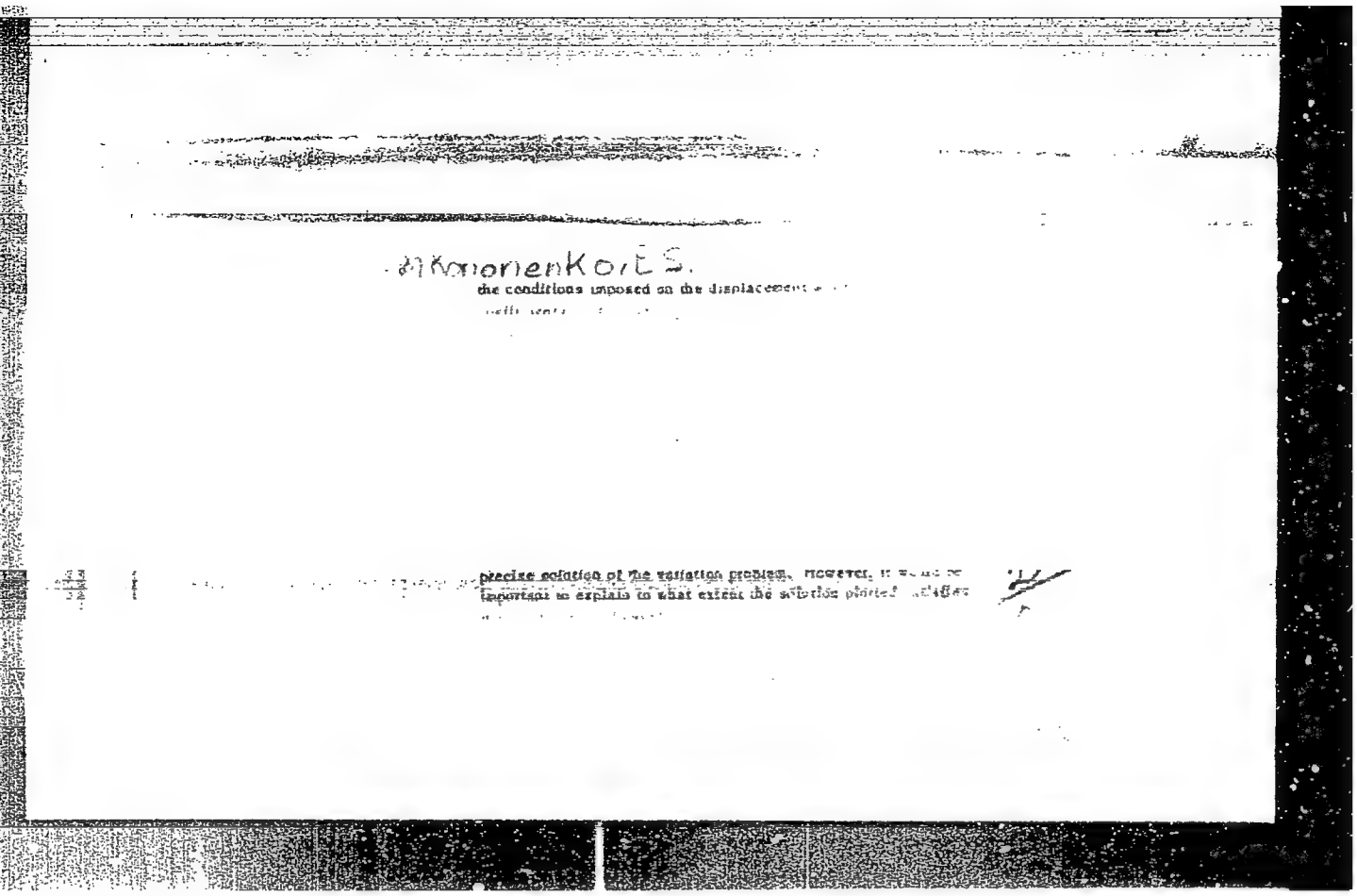
KONONENKO, Ye.S., dotsent, kandidat tekhnicheskikh nauk (Moscow)

Problem of compressing a parallelepiped between rigid plates without sliding. Issledovaniia po teorii sooruzhenii. Sbornik statei no.6:455-468 '54. (MLRA 7:11)
(Structures, Theory of) (Strains and stresses) (Elastic plates and shells)

KONONENKO, Ye.S., kand. tekhn. nauk, dots. (Moskva).

Distribution of stresses in elastic prismatic pieces subjected to compression tests in the presence of friction stresses on the ends. Issl. po teor. sooruzh. no.7:437-466 '57. (MLRA 10:9)
(Elastic solids)





Khomenkov S.

the conditions imposed on the displacement

precise solution of the radiation problem. However, it would be important to explain to what extent the effective plastic

KONONENKO, Ye.S., kand.tekhn.nauk (Moskva)

Approximate designing of rectangular plates on elastic foundations.
Issl. po teor. sooruzh. no. 9:57-82 '60. (MIRA 14:1)
(Elastic plates and shells)

KONONENKO, Ye.S., kand.tekhn.nauk, dotsent (Moskva)

Approximate calculation of thick plates. Issl.po teor.sooruzh. no.11:177-193 '62. (MIRA 15:8)
(Elastic plates and shells)

KONONENKO, Ye.S., kand. tekhn. nauk (Moskva)

Approximate calculations for plates on an elastic foundation. Issl. po teor. sooruzh. no.12:197-211 '63. (MIRA 16:6)

(Elastic plates and shells)

KONONENKO, Yelena Viktorovna; SPITSYNA, A., red.; SHLYK, M., tekhn.red.

[Inspired by a dream] Okrylennye mechtoi. Moskva, Moskovskii rabochii, 1961. 77 p. (MIRA 14:12)
(Socialist competition)

Kononenko, Ye. V.

Translation from: Referativnyy Zhurnal, Elektrotekhnika, 1957, Nr 1, p. 127 (USSR) 112-1-777

AUTHOR: Kononenko, Ye. V.

TITLE: Theory of Synchronous-Reactance Machines (K teorii sinkhronno-reaktivnykh mashin)

PERIODICAL: Izv. Tomskogo politekhn. in-ta, 1956, Nr 82, pp. 96-99

ABSTRACT: Bibliographic entry

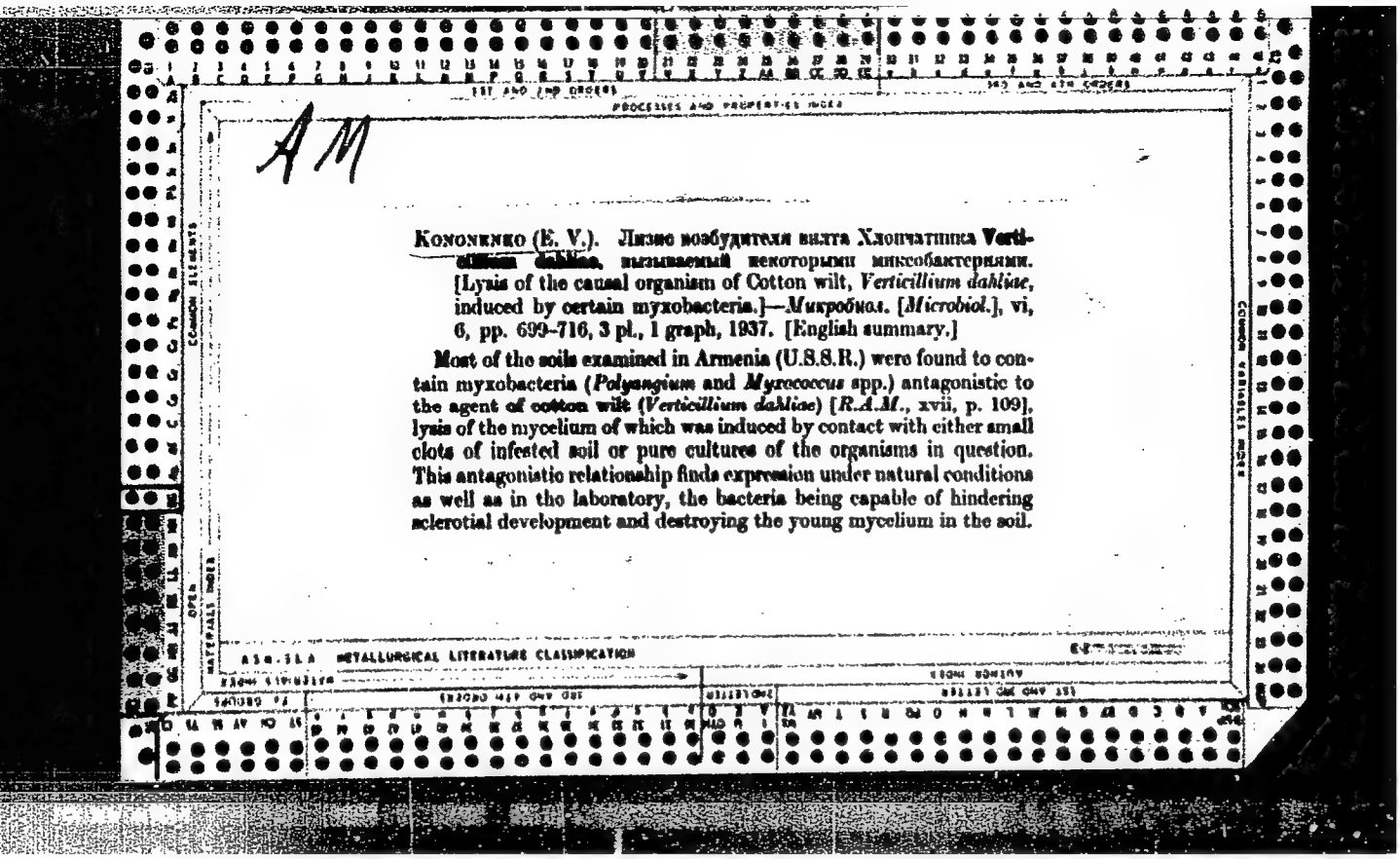
Card 1/1

Studying the performance of reluctance motors. Izv. vys. ucheb. zav.; elektromekh. 1 no.5:23-34 '58. (MIRA 11:8)
(Electric motors, Synchronous)

KOKOLENKO, Yevgeniy Valil'yevich, dotsent, kand.tekhnicheskikh nauk

Investigating asynchronous operating conditions of a.c. machines with nonsymmetric rotors. Izv.vys.ucheb.zav.; elektromekh. 3 no.2:70-79 '60. (MIRA 13:7)

1. Kafedra elektricheskikh mashin Tomskogo politekhnicheskogo instituta.
(Electric motors, Induction)



AM

Kononenko (E. V.). Лизис возбудителя вилта Хлопчатника **Verticillium dahliae**, вызываемый некоторыми миксобактериями. [Lysis of the causal organism of Cotton wilt, *Verticillium dahliae*, induced by certain myxobacteria.]—*Микробиол.* [*Microbiol.*], vi, 6, pp. 699–716, 3 pl., 1 graph, 1937. [English summary.]

Most of the soils examined in Armenia (U.S.S.R.) were found to contain myxobacteria (*Polyangium* and *Myrococcus* spp.) antagonistic to the agent of cotton wilt (*Verticillium dahliae*) [*R.A.M.*, xvii, p. 109], lysis of the mycelium of which was induced by contact with either small clots of infested soil or pure cultures of the organisms in question. This antagonistic relationship finds expression under natural conditions as well as in the laboratory, the bacteria being capable of hindering sclerotial development and destroying the young mycelium in the soil.

RYBALKINA, A.V.; KONONENKO, Ye.V.

Direct observation of soil microflora by Kholodnyi's modified method. Mikrobiologiia 22 no.4:439-444 Jl-Ag '53. (MLRA 6:8)

1. Pochvennyy institut imeni V.V.Dokuchayeva Akademii nauk SSSR, Moscow.
(Soil microorganisms)

KONONENKO, Ye. V.

"Investigation of the Operational Cycles of Synchronous Reluctance Motors." Cand Tech Sci, Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov, Min Higher Education USSR, Tomsk, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

KONONENKO, Ye. V.

1493 Issledovaniye rezhimov raboty sinkhronno-reaktivnykh dvigateley. Tomsk, 1954
12 s 19sm (M-vo vyssh. obrazovaniya SSSR. Tomskiy ordena Trud. Krasnogo Znameni politekhn. in-t im. S. M. Kirova) 100 ekz B. ts.- (54- 54588)

SO: Knizhaya Letopis', Vol. k, 1955

RYBALKINA, A.V.; KOMOKHINKO, Ye.V.

Active microflora of soils. Pochvovedenie no.3:63-70 Mr '56.
(MLRA 9:8)

1. Pochvennyy institut imeni V.V. Dokuchayeva Akademii nauk SSSR.
(Soil micro-organisms)

RYBALKINA, A.V.; KONONENKO, Ye.V.; KONONOVA, M.M., prof., doktor biol. nauk, otvetstvennyy red.; VOLYNSKAYA, V.S., red.izd-va; ASTAF'YEVA, G.A., tekhn.red.

[Microflora of soils of European U.S.S.R.] Mikroflora pochv evropeiskoi chasti SSSR; A.V.Rybalkina [Microflora of tundra, Podzol and Chernozem soils] Mikroflora tundrovykh, podzolistykh i chernozemnykh pochv. A.V.Rybalkina i E.V.Konopenko. [Active microflora of soils] Aktivnaia mikroflora pochv. Moskva, 1957. 256 p. (MIRA 11:2)

1. Akademiya nauk SSSR. Pochvennyy institut.
(Soil micro-organisms)

KONONENKO, Ye.V.

Soil yeasts from the family Lipomyces [with summary in English].
Mikrobiologiia 27 no.5:605-610 S-O '58 (MIRA 11:12)

1. Pochvennyy institut imeni V.V. Dokuchayeva AN SSSR, Moskva.
(SOIL, microbiology
Lipomyces (Rus))
(YEASTS,
Lipomyces in soil (Rus))

RYBALKINA, A.V.; KONONENKO, Ye.V.

Microflora of decomposing plant residues. Pochvovedenie no.5:21-34 My '59. (MIRA 12:8)

1. Pochvennyy institut im. V.V.Dokuchayeva AN SSSR.
(Soil micro-organisms)

KONONENKO, Ye.V.

Yeasts of the genus Lipomyces and their role in soil processes. Pochvovedenie no.6:63-70 Je '59. (MIRA 12:9)

1. Pochvennyy institut im. V.V.Dokuchayeva Akademii nauk SSSR.
(Soil micro-organisms) (Yeast)

KONONENKO, Ye. V. and RYBALKINA, A. V.

"Mikroflora und Stickstoffmobilisation in Moorboden mit hohem Aschegehalt."

report submitted for the 7th Intl. Cong. of Moorland Research Frankskovy Lagne/ Franzensbad-Prague, 15-19 Sep 60.

RYBALKINA, A.V.; KONONENKO, Ye.V.

Investigating the microflora of cultivated peat soils in Yakhroma Valley. Pochvovedenie no.8:13-25 Ag '61. (MIRA 14:11)

1. Pochvennyy institut imeni V.V.Dokuchayeva.
(Yakhroma Valley--Peat soils)
(Soil micro-organisms)

NIKITIN, V.I.; KONONENKO, Yu.L.

Machine for fatigue testing in the plastoelastic zone of active liquid media. Zav.lab. 30 no.3:371 '64. (MIRA 17:4)

1. TSentral'nyy nauchno-issledovatel'skiy kotloturbinnyy institut.

PEYVE, Ya.V. [Peive, J.]; ANSPOK, P.I. [Anspoks, P.]; PAKALN, G.Zh. [Pakalns, G.]; KONONENKO-Stepovaya, T.A.; STEPOVOY, A.I.

Mapping trace element contents of soils on a collective farm and estimating the effectiveness of the use of fertilizers. Pochvovedenie no.7:1-9 Jl '64. (MIRA 17:8)

1. Institut biologii AN Latviyskoy SSR.

L 41600-66 EWT(1)/EWT(m)/T/EWP(t)/ETI IJP(c) JD

ACC NR: AP6018528 SOURCE CODE: UR/0181/66/008/006/1698/1701

AUTHOR: Vakulenko, O. V.; Lisitsa, M. P.; Kononets, Ya. F. 85 B

ORG: Kiev State University im. T. G. Shevchenko (Kiyevskiy gosudarstvennyy universitet)

TITLE: Infrared absorption by carriers in lead sulfide

SOURCE: Fizika tverdogo tela, v. 8, no. 6, 1966, 1698-1701

TOPIC TAGS: lead compound, sulfide, ir absorption, electron density, Hall effect, absorption edge, carrier scattering

ABSTRACT: The absorption spectrum of PbS was investigated in the range $\lambda = 3 - 15\ \mu$ at temperatures 293 and 100K. The measurements were made on a small single crystal (0.22 mm thickness). The electron density necessary for comparison with theory was obtained from Hall-effect measurement and was found to be 2×10^{17} cm^{-3} at room temperature. The spectra exhibit a characteristic shift of the absorption edge towards longer wavelengths with decreasing temperature, and also a decrease in the absorption by the free carriers. The values of the absorption coefficient at the minimum of the absorption curve (≈ 18 cm^{-1}) was found to be independent of the temperature. After illumination of this background, which is apparently connected with mechanical defects, the coefficient of absorption by the free carriers is found to be proportional to $\lambda^{2.8\pm0.2}$, accurate to within 20%. Arguments are presented to show that the absorption by the free carriers in PbS is not due to the impurity scattering mechanism,

Card 1/2

L 41600-66

ACC NR: AP6018528

but to scattering by optical phonons. Orig. art. has: 3 figures and 4 formulas.

SUB CODE: 20/ SUBM DATE: 190ct65/ ORIG REF: 004/ OTH REF: 013

Card 2/2

KONONIKH, G. [Kononykh, H.]

Lugansk hour. Nauka i zhyttia 12 no.1:24-25 Ja '63. (MIRA 16:3)

1. Redaktor gazety "Luganskaya pravda."
(Lugansk Province—Efficiency, Industrial)

KONONKO, V.P., inzh.; NIKOLAYEV, Ye.I., inzh.; OBLIVAL'NYY,F.A., inzh.; VAYNSHTEYN, A.L., inzh.

Improving the conditions for the production of sheet glass by vertical drawing. Stek.i ker. 22 no.10:9-11 O '65.
(MIRA 18:12)

1. Institut gaza AN UkrSSR (for Kononko, Nikolayev).
2. Lisichanskiy stekol'nyy zavod (for Oblival'nyy, Vaynshteyn).

KONONKO, V.P.

Annealing continuous rolled glass. Dop.AN URSR no.3:353-357 '60. (MIRA 13:7)

1. Institut ispol'zovaniya gaza AN USSR. Predstavleno akademikom AN USSR B.S.Lyaginym.
(Glass manufacture)

ZAKHARIKOV, N.A.; KONONKO, V.P.

Heat transfer in furnaces with luminous and nonluminous flames. Gaz. prom. 6 no.11:22-27 '61. (MIRA 15:1)
(Furnaces) (Gas, Natural) (Heat--Transmission)

KONONKO, V.P.

Study of thermal stresses in the annealing of sheet glass. Stek. i ker. 19 no.7:9-13 Jl '62. (MIRA 15:7)
(Glass manufacture)

ZAKHARIKOV, N.A., doktor tekhn.nauk; KONONKO, V.P.

Checking the fritting of sheet glass. Stek.i ker. 19 no.12:1-3 D '62. (MIRA 16:1)

1. Institut ispol'zovaniya gaza AN UkrSSR.
(Glass—Testing)

RYBNIKOV, K.A., prof., red.; SPASSKIY, B.I., dots., red.; KUDRYAVTSEV, P.S., prof., red.; KULIKOVSKIY, P.G., dots., red.; LITINETSKIY, I.B., dots., red.; MIKHAYLOV, G.K., st. nauchnyy sotr., red.; VERKHUNOV, V.M., kand. fiz.-matem. nauk, red.; KONONKOV, A.F., kand. fiz.-matem. nauk, red.; SOROKINA, L.A., nauchnyy red.; VERKHUNOV, V.M., nauchnyy red.; GRIDASOVA, Ye.S., red.izd-va; GOROKHOVA, S.S., tekhn. red.

[Problems of the history of the physical and mathematical sciences] Voprosy istorii fiziko-matematicheskikh nauk. Moskva, Gos. izd-vo "Vysshaia shkola," 1963. 522 p. (MIRA 16:7)
(Physics) (Mathematics)

KONONKOV, A. F.

KONONKOV, A. F. -- "The History of Physics at Moscow University from the Day of Its Founding to 1860 (1775- 1859)." Cand Phys-Math Sci, Marine Hydrophysics Inst, Acad Sci USSR, Moscow 1953. (Referativnyy Zhurnal-- Fizika, Jan 54)

SO: JRN: 168, 22 July 1954

KONONKOV, Arkadiy Fedorovich; PREDVODITELEV, A.S., professor, doktor fiziko-matematicheskikh nauk, redaktor; ANIKEYEV, A.S., redaktor; MOTORINA, I.A., tekhnicheskiy redaktor

[History of physics at Moscow University from its founding to the 60's of the 19th century, 1755-1859] Istoriia fiziki v Moskovskom universitete; s ego osnovaniia do 60-kh godov XIX stoletiia 1755-1859. [Moskva] Izd-vo Moskovskogo univ., 1955. 298 p. (MLRA 9:7)

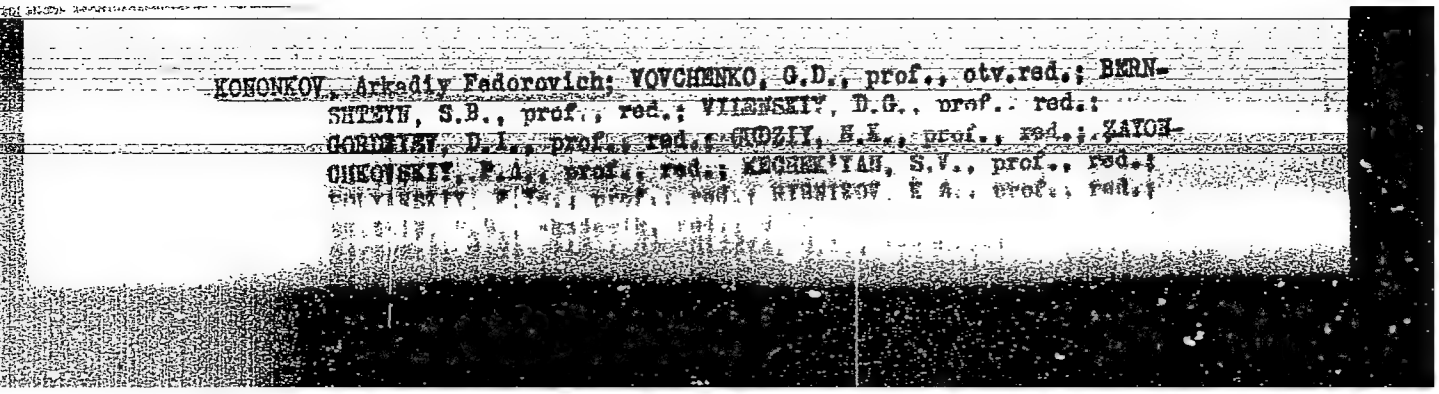
1. Chlen-korrespondent AN SSSR (for Predvoditelev)
(Physics--Study and teaching)
(Moscow University--History)

KONONKOV, M.F.

KUKARKIN, Boris Vasil'yevich, prof.; RYBNIKOV, Konstantin Alekseyevich, prof.; BASHMAKOVA, Izabella Grigor'yevna; YUSHKEVICH, Adol'f Pavlovich; YANOVSKAYA, Sof'ya Aleksandrovna; SPASSKIY, Boris Ivanovich, dotsent; MIKHAYLOV, Glab Konstantinovich, starshiy nauchnyy sotrudnik; MATYKOV, D.Ya., prof., otv.red.; GORDEYEV, D.I., prof., red.; IVANENKO, D.D., prof., red.; KUDRYAVTSEV, P.S., prof., red.; KULIKOVSKIY, P.G., dotsent, red.; KHRGIAN, A.Kh., prof., red.; SHEVTSOV, N.S., prof., red.; VERKHUNOV, V.M., assistent, red.; KONONKOV, A.F., red.; YERMAKOV, M.S., tekhn.red.

[Programs of courses on the history of the physicomathematical sciences] Programmy po istorii fiziko-matematicheskikh nauk. Moskva, 1959. 40 p. (MIRA 12:12)

1. Moscow. Universitet. 2. Orgkomitet Vsesoyuznoy mezhvuzovskoy konferentsii po istorii fiziko-matematicheskikh nauk (for Kukarkin, Rybnikov, Spasskiy, Gordeyev, Ivanenko, Kudryavtsev, Kulikovskiy, Mikhaylov, Khrgian, Shevtsov, Verkhunov, Kononkov).
(Physics--Study and teaching)
(Mathematics--Study and teaching)



KONONKOV, Arkadiy Fedorovich; VOVCHENKO, G.D., prof., otv.red.; BERN-
SHTEYN, S.B., prof., red.; VILENSKIY, D.G., prof., red.;
GORDIYAN, D.I., prof., red.; GROZIY, E.K., prof., red.; ZAYON-
CHKOVSKIY, P.A., prof., red.; KECHEK'YAN, S.V., prof., red.;
[illegible], prof., red.; KRASNOV, F.A., prof., red.;
[illegible], red.

RYBNIKOV, K.A., prof., red.; SPASSKIY, B.I., dotsent, red.; GORDEYEV, D.I., prof., red.; IVANENKO, D.D., prof., red.; KUDRYAVTSEV, P.S., prof., red.; KUKARKIN, B.V., prof., red.; KULIKOVSKIY, P.G., dotsent, red.; MIKHAYLOV, G.K., starshiy nauchnyy sotrudnik, red.; KHRGIAN, A.Kh., prof., red.; SHEVTSOV, N.S., prof., red.; VERKHUNOV, V.M., assistent, red.; KONOMKOV, A.F., red.; MALIKOVA, M.A., red.; SOROKINA, L.A., red.; YERMAKOV, M.S., tekhn.red.

[Summaries of papers and reports of the Interuniversity Conference on the History of Physics and Mathematics] Tezisy dokladov i soobshchenii Mezhvuzovskoi konferentsii po istorii fiziko-matematicheskikh nauk. Moskva, Izd-vo Mosk.univ., 1960. 187 p. (MIRA 13:6)

1. Mezhvuzovskaya konferentsiya po istorii fiziko-matematicheskikh nauk. 1960.

(Mathematics--Congresses) (Physics--Congresses)

S/188/60/000/001/010/010
B019/B056

AUTHOR: Kononkov, A. F.

TITLE: Sergey Ivanovich Usagin (On the Occasion of His 60th Birthday)

PERIODICAL: Vestnik Moskovskogo universiteta. Seriya 3, fizika, astronomiya, 1960, No. 1, pp. 86 - 88

TEXT: In the introduction, the Fizicheskiy kabinet Moskovskogo universiteta (Physical Cabinet of Moscow University), which was founded in 1755, is mentioned, and some of its organizers and directors of the 18th and 19th centuries are enumerated: D. V. Savich, P. I. Strakhov, I. A. Dvigubskiy, M. F. Spasskiy, N. A. Lyubimov, A. G. Stoletov, and N. A. Umov. Ivan Filippovich Usagin (1855-1919) was a master in performing physical experiments, and in the years extending from 1874 to 1919 he founded a school for lecture-demonstrators of physics. One of his best pupils was his son Sergey Ivanovich Usagin, who is now head of the cabinet mentioned. S.I. Usagin was born at Petrovsk, Klinskiy rayon, Moskovskiy oblast', on August 25, 1899. At the age of 15, S.I. Usagin

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took part in the expedition organized for the purpose of observing the solar eclipse at Kiyev as the youngest member. After having successfully finished his high-school studies, S. I. Usagin began to study at the Department of Physics and Mathematics at Moscow University. He was drafted into the Red Army in 1919, and was assistant to the chief of Glavnoye upravleniye voyenno-uchebnymi zavedeniyami (Main Administration of Naval Schools). During this time he attended courses at Moscow University and at the rabfak im. Pokrovskogo (Workers' High School imeni Pokrovskiy). During the forties he assisted in lectures held by Professors A. B. Mlodzeyevskiy, K. P. Yakovlev, G. S. Landsberg, S. I. Vavilov, S. E. Khaykin, S. G. Kalashnikov, and others. He took part in the war, was demobilized on account of sickness in 1942, and in the same year he continued his work at the university as senior laboratory assistant. S. I. Usagin's merits are laudably mentioned in great detail in a report of the Uchenyy sovet fizicheskogo fakul'teta MGU (Scientific Council of the Department of Physics of Moscow State University) of October 3, 1945. The newly built physics cabinet in the Lenin Hills brought him much work, and in 1951 he was awarded the Order "Znak pocheta" ("Badge of Honor"). In 1957, he was appointed senior

24(0),3(7)

AUTHOR: Kononkov, A. F. SOV/53-68-4-8/12

TITLE: Mikhail Fedorovich Spasskiy - a Prominent Russian Physicist and Meteorologist of the 19th Century (Mikhail Fedorovich Spasskiy - vidnyy russkiy fizik i meteorolog XIX veka). On the 150th Anniversary of His Birthday and the 100th Anniversary of His Death (K 150-letiyu so dnya roshdeniya i 100-letiyu so dnya smerti)

PERIODICAL: Uspekhi fizicheskikh nauk, 1959, Vol 68, Nr 4, pp 731-734 (USSR)

ABSTRACT: On the occasion of this anniversary, the author gives a curriculum and an account of the scientific achievements of Spasskiy. He first describes his training; after his studies, which led him also to Königsberg and Berlin, he delivered his trial lecture before the Petersburg Academy of Sciences on December 1, 1838. On February 7, 1839 he was appointed adjunct of Moscow University for the chair of physics and physical geography. In 1848, after having successfully defended his Doctor's Dissertation "On the Climate of Moscow" he attained a degree of Doctor of Physics and Chemistry and was appointed extraordinary professor; in 1850 he was appointed regular

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Mikhail Fedorovich Spasskiy - a Prominent Russian Physicist and Meteorologist of the 19th Century. On the 150th Anniversary of His Birthday and the 100th Anniversary of His Death

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professor at Moscow University. From 1853 to his death he was Dean of the Physico-Mathematical Department. He continued the tradition of the famous scientist Lomonosov. The author discusses his scientific work, as well as his philosophical and pedagogical activities. The most important publications by Spasskiy are listed, and likewise a number of literary references concerning Spasskiy. The most famous of Spasskiy's pupils are also mentioned: A. G. Stoletov, I. M. Sechenov, F. A. Bredikhin, N. V. Manevskiy. There are 26 references, 23 of which are Soviet.

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GORDEYEV, D.I., prof., glav. red.; DVORYANKIN, F.A., prof., red.; KOLOMKOV, A.F., red.; RYBNIKOV, K.A., prof., red.; SOLOV'YEV, A.I., dotsent, red.; SPASSKIY, B.I., dotsent, red.; FIGUROVSKIY, N.A., prof., red.; SHEVTSOV, N.S., prof., red.; KHRGIAN, A.Kh., prof., red.; ZAYTSEVA, M.G., red.; YERMAKOV, M.S., tekhn. red.

[History and methodology of the natural sciences] Istoriia i metodologiia estestvennykh nauk. Moskva. No.1. [Physics] Fizika. 1960. 221 p. (MIRA 14:5)

1. Moscow. Universitet.

(Physics)

KONONKOV, Arkadiy Fedorovich; SPASSKIY, B.I.

[M.V.Lomonosov as a physicist] M.V.Lomonosov kak fizik. Moskva, Izd-vo Mosk. univ., 1961. 155 p. (MIRA 15:4)
(Lomonosov, Mikhail Vasil'evich, 1711-1765)

KONONKOV, A.F.

Celebration of the 250th anniversary of M.V. Lomonosov's birth (1711 - 1961). Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no.3:94-95 My-Je '62. (MIRA 15:6)
(Lomonosov, Mikhail Vasil'evich, 1711-1765)

KONONKOV, A.F.

Physics department and study room at Moscow University in the 18th century. Ist. i metod. est. nauk 2:308-315 '63.
(MIRA 16:11)

KONONKOV, A.F.

Second Intercollegiate(Sixth All-Union) Conference on the History of the Physocal and Mathematical Sciences. Vest. Mosk. un. Ser. 3: Fiz., astron. 18 no.6:95-97 N-D '63. (MIRA 17:2)

IVERONOVA, V.I., prof., red.; GRABOVSKIY, M.A., dots., red.; KONONKOV, A.F., kand. fiz.-mate. nauk, red.; MALOV, N.N., prof., red.; TELESNIN, R.V., prof., red.; USAGIN, S.I., st. prepod., red.; YAKOVLEV, K.P., prof., red.; YAKOVLEV, I.A., prof., red.

[Methodology and technique of lecture demonstrations in physics; transactions] Metodika i tekhnika lektsionnykh demonstratsii po fizike; sbornik trudov. Moskva, Izd-vo Mosk. univ., 1964. 280 p. (MIRA 17:5)

1. Mezhvuzovskaya konferentsiya po lektsionnym demonstratsiyam po kursu obshchey fiziki. 1st.

KONONKOV, A.F., kand. fiz.-mat. nauk

The P.N.Lebedev Moscow Physical Society. Ist. i metod. est. nauk no.3:270-272 '65.

(MIRA 18:12)

GULO, D.D.; KONONKOV, A.F., kand. fiz.-mat.nauk; OSINOVSKIY, A.N.

History of the foundation of the State Optical Institute; on its 45th anniversary. Ist. i metod. est. nauk no.3:273-292 '65. (MIRA 18:12)

AUTHOR: Kononkov, B. F. SOV/139-58-4-7/30

TITLE: Eddy Currents in Massive Bodies Moving in a d.c. Magnetic Field of Concentrated Sources (Vikhrevyye toki v massivnykh telakh, dvizhushchikhsya v postoyannom magnitnom pole sosredotochennykh istochnikov)

PERIODICAL: Izvestiya Vysshikh Uchebnykh Zavedeniy, Fizika, 1958, Nr 4, pp 48-56 (USSR)

ABSTRACT: One of the interesting problems of electrodynamics is that of movement of a conducting body inside a non-uniform direct current field. The problem of the movement of a metallic body in a d.c. field emanating from concentrated sources is of considerable practical interest from the point of view of calculation of magnetic brakes, unipolar electric machinery and magnetic defectoscopy. The here published work contains the results of the SFTI Defectoscopy Laboratory relating to the problem of testing rails by means of a d.c. field emanating from a moving electro-magnet. The paper is introduced by a brief review on work in this field, mentioning particularly the work of V. V. Vlasov and his team who proposed a new method of

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inspecting railroad rails which are in service by means of a ∩-shaped electro-magnet which is made to move rapidly along the rails. The idea of Vlasov and Vorob'yev is essentially to detect defects by continuous oscillographic recording of the e.m.f. induced in a coil which is closely coupled with the electro-magnet. In 1950 Sycheva (Refs 4 and 5) carried out investigations for the purpose of establishing the order of magnitude of the eddy currents occurring during rotation of non-magnetic and magnetic models (discs, drums) inside a concentrated magnetic field. Her investigations showed that for flat moving models the calculations of Steidinger (Ref 2) are valid in the first approximation. She also found that the eddy currents were more intensive in non-magnetic models (aluminium, copper) than in ferromagnetic models. However, almost no experiments at all were carried out with defective specimens by Sycheva. The apparatus used by the author of this paper was about twice as large as that used by Vlasov and this enabled certain tests which

could not be carried out under the test conditions pertaining to the experiments of Vlasov. The test rig consisted of an old steam generator which was fitted with a massive cast iron flywheel of 1532 mm dia. By means of an elastic coupling the shaft of this generator was coupled to a d.c. generator which was used as a motor in the experiments. Along the circumference of the flywheel a rim was fitted (the model of a rail) which was subjected to magnetization during the process of rotation of the flywheel. The circumferential speed in km/hr was equivalent to 0.31 times the r.p.m. The side surface of the flywheel was covered with a 15 mm thick layer of plywood which formed a sufficiently non-magnetic inter-layer between the rim and the mass of the flywheel; the flux penetrating from the rim to the flywheel did not exceed 0.5 to 1% of the flux in the rim if the latter was made of steel. The first experimental rim was made of soft steel of 35 x 36 mm cross section with an internal diameter of 1562 mm; the rim was cut in two halves and fixed to the flywheel by means of special clamps. The second experimental rim was made

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of aluminium of 70 x 60 mm cross section with an inner diameter of 1562 mm; it was equally cut in two halves and fixed on the same flywheel by means of brass strips and bolts. The magnetization was effected by an electromagnet, a dimensional sketch of which is shown in Fig.1, which was fitted with two rods of 70 x 70 mm cross section, each carrying a winding with 300 turns of 10 mm^2 cross section, which could be fed with d.c. current of up to 20 A. The test rig enabled reaching at the rim linear speeds between 2 and 70 km/hr. The results of the investigations of the influence of the process of rotation on the magnitude and the distribution of the magnetic flux under the poles and in the rotating rim are described in para.4 for rims of soft steel. In para.5 the relation is discussed between the surface density of the eddy currents and the normal component of the magnetic field potential. In para.6 the results of measurements of the distribution of the magnetic flux along the cross section of the moving rim specimen are described. In para. 7 the

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influence is considered of the movement of an aluminium specimen (rim) on the magnitude and distribution of the magnetic field under the poles and outside the poles of the electromagnet. The following conclusions are arrived at: If the coils of the electro-magnet are fed by an equal direct current and the specimen speed is the same, the potential of the field of eddy currents is lower in non-magnetic specimens than in magnetic ones; the distribution of the eddy currents in ferromagnetic and non-magnetic specimens differ considerably from each other; the zero point of the normal component of the magnetic field potential and the zero point of the potential of the eddy current field are displaced from the centre of the base in the direction of movement of the specimen; with increasing specimen speed an increase takes place of the potential of the eddy currents; the distribution of the magnetic flux along the cross section in the aluminium specimen does not depend appreciably on the speed of movement (for speeds between 10 and 60 km/hr);

 the distribution of the magnetic flux along the cross

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section in an iron specimen depends greatly on its speed and a surface effect was observed.

(Note: The author of this paper quotes only work of Vlasov published in 1948. However, Vlasov's more recent results were published in Fizika Metallov i Metallovedeniye, Vol 5, Nr 3 and Vol 6 Nrs 1, 2 and 3, 1958).

There are 8 figures.

ASSOCIATION: Novosibirskiy stroitel'nyy tekhnikum
(Novosibirsk Building Technicum)

SUBMITTED: November 25, 1957

KONONKOV, B.F.; SAPOZHNIKOV, A.B.

Eddy currents in a nonmagentic rectangular tube moving relative to external linear magnetic poles. Izv. vys. ucheb. zav.; fiz. no.6:145-149 '63. (MIRA 17:2)

1. Sibirskiy fiziko-tekhnicheskiy institut pri Tomskom gosudarstvennom universitete imeni Kuybysheva.

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AUTHOR: Koponkov, B.F.

TITLE: Physical Processes which Determine the Possibility of the Detection of Defects in Bodies Moving in a D.C. Magnetic Field

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Fizika, 1959, Nr 5, pp 102-108 (USSR)

ABSTRACT: The paper describes the results of investigations on the possibility of detecting defects in steel and aluminium specimens rotating at speeds between 10 and 60 km/hour in d.c. fields of a Π-shaped electromagnet. Experiments were carried out on a steel ring of rectangular (35 x 36 mm) cross-section and on an aluminium ring of 70 x 60 mm cross-section. The pole-pieces of the electromagnet were of 70 x 70 mm cross-section and the distance between them was 30 cm. The experiments were designed to test the possibility of detecting artificial defects of the order of 1.5 to 2 mm in steel and aluminium rail models rotating in the d.c. field of an electromagnet. The following types of defects were introduced: (A) a longitudinal vertical through cut (100 mm long, 1.5 mm wide) at the centre of

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Physical Processes which Determine the Possibility of the Detection of Defects in Bodies Moving in a D.C. Magnetic Field

the ring; (B) a longitudinal horizontal through cut of the same dimensions as the cut A, located at a distance of 10 mm from the outer surface of the ring; (C) a transverse vertical cut 1.5 mm wide and 16 mm deep. The study consisted basically of oscillographic investigation (Figs 1, 2) of the induced currents generated by the magnetic fields in the region of the defect as a result of rotation of the ring. The currents were measured with a search coil attached to the ring. The possibility of detecting longitudinal vertical cuts in the steel and aluminium specimens is governed primarily by the eddy currents. The possibility of detection increases as the defect gets nearer to the poles. A transverse 1.5 mm wide cut in a rotating steel specimen can be detected more easily the closer it approaches the electromagnet poles. The nature of the oscillograms obtained indicates that the possibility of the detection of such a cut is determined by the leakage fields (polarization). However, an increase in the

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signal (induced current) when the cut approaches the pole seems to indicate that the detection of such a defect is also linked with the existence of eddy currents. Intensification of the signal near the poles with conservation of the "parity" of the oscillograms can be explained by assuming that a transverse cut intersects the longitudinal components of the currents, forcing them to become transverse. It can easily be shown that the generated magnetic fields of the eddy currents combine with the leakage fields to give resultant fields with a higher longitudinal gradient and an increasing potential towards the poles. Artificial transverse cuts in an aluminium ring are detected by means of the eddy currents. The "odd" nature of the oscillograms indicates that in this case the transverse components of the eddy currents are mainly responsible for the signal caused by the defect, i.e. in a non-magnetic ring the eddy currents flow mainly at right-angles to the direction of motion. A longitudinal horizontal cut is detected by means of both the leakage fields and the eddy currents. The dimensions

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KONONKOV, B.F.; SAPOZHNIKOV, A.B.

Eddy currents in a thin-walled nonmagnetic rectangular tube moving relative to the inner magnetic poles. Izv. vys. ucheb. zav.; fiz. no.4:70-77 '63. (MIRA 16:9)

1. Sibirskiy fiziko-tekhnicheskiy institut pri Tomskom gosudarstvennom universitete imeni Kuybysheva.
(Electric currents, Eddy)

KONONKOV, G. S.: Master Agric Sci (diss) -- "Early varieties of narrow-leaf lupine from the selection Grodno Agricultural Experimentation Station". Minsk, 1959. 16 pp (Acad Agric Sci Beloruss SSR, Inst of Agric), 100 copies (KL, No 16, 1959, 109)

KONONKOV, P.D., kandidat biologicheskikh nauk.

Biological characteristics of the development of "Kaporka Odesskaya" cabbage. Agrobiologiia no.6:125-126 N-D '56.
(MLRA 10:1)

1. Vsesoyuznyy selektsionno-geneticheskiy institut, Odessa.
(Odessa Province--Cabbage--Varieties)

KONONKOV, P. F.

Garlic

Obtaining seeds from garlic. Agrobiologiia no. 3, 1952.
Institut genetiki Akademii nauk SSSR

SO: Monthly List of Russian Accessions, Library of Congress, September 1952, Uncl.

KONONKOV, P. F.

Dissertation: "The Nature of Cleavage in Hybrid Plants." Cand Biol Sci, Inst of Genetics, Acad Sci USSR, Moscow, Oct-Dec 53. (Vestnik Akademii Nauk, Moscow, Jun 54)

SO: SUM 318, 23 Dec 1954

KOHONKOV, P.F.

Problem of rejuvenation of plants in sexual reproduction. Izv.AN SSSR Ser. biol. no.3:25-29 My-Je '53. (MLRA 6:6)

1. Institut genetiki Akademii nauk SSSR. (Plants--Reproduction)

KONONKOV, P. [redacted]

New data on formation of cells from acellular substances. Doklady Akad. nauk SSSR 90 no.5:887-888 11 June 1953. (CLML 25:1)

1. Presented by Academician T. D. Lysenko 13 April 1953. 2. Institute of Genetics of the Academy of Sciences USSR.

KONONKOV, P.F.; NOVOZHILOVA, N.P.

Cell multiplication in the stem of onion bulbs before the shooting out of flower stalks and bulblets. Dokl.AN SSSR 95 no.3:645-648 Mr '54. (MLRA 7:3)

1. Institut genetiki Akademii nauk SSSR. Predstavleno akademikom T.D.Lysenko. (Onions)

USSR/Cultivated Plants - Potatoes, Vegetables, Melons. M-3

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10868

Author : Kononkov, P.F.

Inst : All-Union Selection, Genetics Institute (Odessa)

Title : Characteristics of the Light Stage in Sorrel as Affected by the Place of Reproduction of the Seed.

Orig Pub : Agrobiologiya, 1956, No 3, 128-129

Abstract : In 1954 in the All-Union Selection Genetics Institute (Odessa) a study was made of the influence of autumnal sowing of sorrel (from August 14-November 4), grown from seed of the Bel'vil'skiy Moskovskiy variety and reproduced perennially in Odessa, on its speed of transition through the light stage. The plants grown from seed of the Odessa reproduction began putting out shoots in the middle of June. Of those sown on 14 August 95.6% put out shoots,

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KONONKOV, P.E.

USSR/General Biology. Genetics B

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57205

Author : Kononkov P. F.
Inst : The All-Union Selection Genetic Institute
Title : The Character of the Diversity of Tomato Hybrids in F_2 on the Basis of Early Maturity and Yield, and Depending on Conditions of the Growth of the Plantings in Hot Houses

Orig Pub : Byul. Vses. selekts.-genet. in-ta, 1957, No 3, 2-26

Abstract : No abstract

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KONONKOV, P.F.; PETROVA, L.L., kand. biol. nauk

Melon variety 121/49 developed by vegetative hybridization. Agrobiologiia no. 3:146-149 My-Je '58. (MIRA 11:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy selektsionno-geneticheskiy institut, g. Odessa.
(Melons--Varieties)

B-5

COUNTRY : USSR
CATEGORY :

ABS. JOUR. : RZBiol., No. 1, 1959, No. 326

AUTHOR : Kononkov, P. F.
INST. : All-Union Academy of Agricultural Sciences *
TITLE : The Role of Maternal Variety Pollen in the Crossing of Tomato Varieties.

ORIG. PUB. : Dokl. VASKhNIL, 1958, 23, No 1, 16-19

ABSTRACT : Study of 2nd generations derived from pollination of Donetskiy variety of tomato with mixed pollen of Odesskiy 71, Mayak, and Hybrid 175 varieties, and with the same mixture with added pollen of the maternal variety, showed that offspring of the latter was appreciably higher growing and produced better yields than offspring of the pollination with the first mentioned mixture, and that that they were also superior, as concerns height and yield, to the plants of pure Donetskiy variety. The same results were also obtained with the 3rd generations. Yield data are presented for the 1st and 2nd generations derived from pollination of Talalikhin 186 tomato with pollen of Mayak,

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* Imeni Lenin. = A-U Sci. Res. Selection-Genetics Inst. im T. D. Lysenko

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KONONKOV, P.F., kand.biolog.nauk

Developing early maturity in tomatoes by growing hybrid transplants in hotbeds under limited moisture conditions. Dokl. Akad.sel'khoz. 24 no.10:27-30 '59. (MIRA 13:2)

1. Gribovskaya ovoshchnaya selektsionnaya stantsiya. Predstavlena akademikom I.Ye.Glushchenko.
(Tomatoes)

KONONKOV, P.F., kand.biologicheskikh nauk; RABUNETS, N.A.

Effect of organomineral fertilizer mixtures on root crops for table use. Agrobiologiia no.5:707-712 S-O '60. (MIRA 13:10)

1. Gribovskaya ovoshchenaya selektsionnaya stantsiya.
(Root crops--Fertilizers and manures)

KONONKOV, P.F., kand.biologicheskikh nauk

Vegetative hybridization of radishes. Agrobiologiia no. 3:458-461 My-Je '61. (MIRA 14:5)

1. Gribovskaya ovoshchnaya selektsionnaya stantsiya, Moskovskaya oblasti'.

(Radishes) (Grafting)

KONONKOV, Petr Fedorovich, kand.biolog.nauk; GOMENYUK, L.I., red.; SOKOLOVA, N.N., tekhn.red.

[Hybridization is an important matter in increasing yields] Gibridizatsiia - vazhnoe uslovie povysheniia urozhainosti. Moskva, Sel'khozizdat, 1962. 142 p. (MIRA 15:5)
(Hybridization, Vegetable) (Crop yields)

KONONKOV, P.F., kand. biol. nauk; RABUNETS, N.A.

Crossing geographically remote forms in breeding table root crops. Agrobiologiia no.4:508-514 Jl-Ag '65.
(MIRA 18:11)

1. Gribovskaya ovoshchnaya selektsionnaya opytnaya stantsiya.

KONONKOV, P.F., kand. biol. nauk; TOKMAKOV, Yu.G.

Effect of additional pollination with foreign pollen on the setting of seeds in self-pollinated carrots in the Moscow area. Agrobiologiia no.2:247-249 Mr-Ap '65. (MIRA 18:11)

1. Gribovskaya ovoshchnaya selektsionnaya opytnaya stantsiya.

KONONKOV, V.F.; KUCHERUK, Ye.V.; KHENVIN, T.I.

Nature of the structure of the crystalline basement of the Volga Valley portion of Volgograd and Saratov Provinces according to geophysical data. Izv. vys. ucheb. zav.; geol. i razv. 7 no.12:39-44 '64. (MIRA 18:12)

1. Institut geologii i razrabotki goryuchikh iskopayemykh AN SSSR; Moskovskiy gosudarstvennyy universitet i Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnogo gaza.

KONONKOV, V.F.; KUCHERUK, Ye.V.; KHENVIN, T.I.

Nature of the gravity-magnetic anomalies of the Tersinka Trough in connection with prospects for finding gas and in oil it. Neftegaz. geol. i geofiz. no. 5:38-41 '63. (MIRA 17:5)

1. Insitut geologii i razrabotki goryuchikh iskopayemykh AN SSSR, Moskovskiy gosudarstvennyy universitet im. Lomonosova i Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteriyev otsenki perspektiv neftegazonosnosti Glavnogo upravleniya geologii i okhrany nedr pri Sovete Ministrov RSFSR.

KUCHERUK, Ye.V.; KONONKOV, V.F.; KHENVIN, T.I.

Nature of the structure of the crystalline basement of the Volga monocline in connection with prospects for finding oil and gas in it. Neftegaz.geol.i geofiz. no.9:52-55 '63. (MIRA 17:3)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteriyev otsenki perspektiv neftegazonosnosti Gosudarstvennogo geologicheskogo komiteta SSSR, Moskovskiy gosudarstvennyy universitet im. Lomonosova i Institut geologii i razrabotki goryuchikh iskopayemykh AN SSSR.

KOMONKOVA, G. Ye. CAND PHYSICOMATH SCI.

Dissertation: "Formation of Wind Waves on a Water Surface."

22 June 49

Moscow order of Lenin State V imeni M. V. Lomonosov.

SO Vecheryaya Moskva
Sum 71

KONONKOVA, G.Ye.

Transmission of wind waves to the surface of the water. Trudy MGI 3:3-29 '53. (MLRA 7:5)
(Waves) (Wind power)